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ACC NR: AP7002326

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AUTHOR: Chochlovsky, Jozef--Chochlovsky, I.; Riha, Karol--Rzehiga, K.; Panyr, Milos;
Vorisek, Miroslav--Vorisek, M.; Charrad, Frantisek--Khanrad, B.

ORG: Chochlovsky; Riha; Panyr Chemoprojekt, Prague; Vorisek; Charrad Institute
of Nuclear Research, CSAV, Rez (Ustav jaderneho vyzkumu CSAV)

TITLE: TR-0 heavy water zero-power reactor of Nuclear Research Institute of
Czechoslovakian Academy of Sciences

SOURCE: Jaderna energie, no. 5, 1966, 161-165

TOPIC TAGS: research reactor, heavy water

ABSTRACT: The zero-power heavy water reactor TR-0, a pulsed neutron source and an exponential heavy water system, is described. This reactor has rod-shaped fuel elements of natural uranium. The active zone has a diameter of 3500 mm and a height up to 4000 mm. Its auxiliary layout was selected so that long-term studies on heavy water reactor lattices could be carried out. The principles of the long-term experimental program are outlined. The engineering solutions with respect to the reactor vessel and its system for the automatic adjustment of the lattice support and to the reactor circuits are described. The principal circuits considered are the heavy water circuit and the inert gas circuit in which dry air is used. A brief description is given of the construction work. This article was presented by F. Klik. Orig. art. has: 2 figures and 6 tables. [NA]

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Card 1/1

UDC: 621.039.5TR-0 621.039.524.46 621.039.5(437)

RIMA, K.

New method for repairing bottoms of openhearth furnaces. p. 600.

Vol. 4, no. 5, 1955
SOVETSKA VEDA: HUTNICTVI
Praha, Czechoslovakia

So: Eastern European Accession Vol.5 No. 4 April 1956

Riha, K.

Meteo
✓ The Use of Wooden Frames in the Pouring of Steel. K. Šípka
(Hutník, (Prague), 1953, 8, (1), 240-248). [In Czech]. A
crust of slag floating on the rising metal surface in the bottom
pouring of steel is objectionable as it is likely to stick to the
mould wall and may cause inclusions. Control of this crust

through variations in the pouring rate is inefficient. Frames
of soft wood, dried at 70°C for 48 hr, fitting just inside the
mould, are inserted into the empty mould, close to the bottom.
The rising steel ignites the frames which burn slowly, as the
moulds are covered and little air enters. Combustion products
aid the mould dressing; the frame prevents any slag
from floating to the edge of the mould, and the filtration
of the air by combustion products reduces the rate of surface
oxidation of the steel. If the frames are correctly dried and
dimensioned the risk of gas bubbles at the mould walls is
slight. Good results are claimed. With some low-grade
steels the rejects of products forged from them has been
reduced by 30%—P. F.

RIHA, K.

Mechani-ation of repairs of open-hearth furnaces. p.195.

HUTNIK, (Ministerstvo hutniho prumyslu a rudnych dolu) Praha, Czechoslovakia.
Vol. 9, no. 6, June 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 11, Nov. 1959
Uncl.

AMMER, K. (Stara Tura); RIHA, L. (Stara Tura)

Fifteen years of medical apparatus production in the national
enterprise Presna mechanika, Stara Tura. Žemra mech opt 5 no.7:
207-208 JI '60.

RIHA, L.

"Research results in the field of effectiveness of investments and of new technique."

AUTOMATISACE, Praha, Czechoslovakia, Vol. 2, no. 6, June 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 8,
August 1959

Unclassified

RIHA, L., inz.

Increasing the effectiveness of technical development.
Strojirenske 12 no.7:481-482 Jl '62.

1. Statni planovaci komise.

RIHA, Ladislav

The task of automation in building the material and technical basis of communism. Automatizace 5 no.5:121-122 My '62.

1. Zastupce vedouciho odboru nove techniky, Statni planovaci komise.

RIHA, Ladislav, inz.

Examination of the effectiveness of research and development work. Tech praca 14 no.5:362-365 My '62.

1. Statni planovaci komise, Praha.

KOMARLK, Valtr, C.Sc.; RIHA, Ladislav, inz.

Problems of evaluating the efficiency calculation results. Tech
praca 14 no.10:800-802 '62.

1. Statni planovaci komise, Praha.

KOMAREK, Valtr, C.Sc.; RIHA, Ladislav, inz.

Effectiveness of investments, new techniques and foreign trade.
Tech praca 14 no.9:728-731 S '62.

1. Statni planovaci komise, Praha.

Vladimír Vojtěch, Dr., MSc, CSc, MIKE, Janáček, 1971.

Scientific and technical progress and the effectiveness of the foreign trade. (See traca 16 no.3;161-164 Mr '64.

1. State Planning Commission (for Komárek) 2. State Commission for the Development and Coordination of Science and Technology, Prague ("Ústřední".

RIHA, Ladislav, inz.; SALDA, Frantisek

Preparation of the plan of science and technology development
up to 1970. Podn org 18 nc.12:529-532 D '64.

1. State Commission for the Development and Coordination
of Science and Technology, Prague.

"Author's analysis of the conflict of techniques; a Communist and socialist contribution."

VLADIMIR PAVLOVICH DRAGT. ACTA COMMUNISTICA CZECHOSLOVACIA, Vol. 1, 1956
Prague, Czechoslovakia

Monthly digest of East European acquisitions index (AEAI), Library of Congress,
Vol. 1, No. 7, July, 1959.

Unclassified

P. RIM

"Hydrobiological studies of the Dalejsky Brook near Prague. p. 19. (CASOPIS;
ČASIL PRÍRODovedecký, Vol. 121, no. 1, 1962, Prague, Czechoslovakia)

CC: Monthly List of East European Acquisitions, L.C., Vol. 2 No. 7, July 153, Uncl.

A. V.

EXCERPTA MEDICA Sec.14 Vol.11/9 Radiology Sept 57.

1579. ŘÍHA V. and ŠIMEČEK C. Tbc. Odd., KÚNZ, Olomouc. *Diagnostické pneumomediastinum. Diagnostic pneumomediastinum ROZHL. CHIR. 1956, 35/7 (401-408), Illus. 8

Report on 21 cases where pneumomediastinum was performed for diagnostic purposes. The usual (dorsal paravertebral) route with insufflation of 800-1,200 ml. of oxygen is described and advocated. With the patient lying on his side the needle is entered in the 4th intercostal space. Complications were irritation of the pleura in one case and pneumothorax also in one case. Subcutaneous emphysema in the supraclavicular region was frequent and disappeared without complications. Differentiation of the respiratory passages was effected by intratracheal administration of a contrast substance.

Vlček - Prague (IX, 14, 15)

EXCERPTA MEDICA Sec.15 Vol.10/5 Chest Diseases May57

1380. RIHA V. Tuberk. Odd. KUNZ. Olomouc. *Imunobiologické reakce u dospělých obyvatelstva zemědělské oblasti. Immunobiological reactions in the inhabitants of an agricultural district ROZHL. TUBERK. 1956, 15/10 (456-463) Tables 3

A report is presented on the results of immunobiological tests carried out in 31,684 adult subjects in 2 agricultural districts, together with fluorographic examination. Reactions to the BCG test in 10,874 men and 15,131 women are described. Positive reactions to the BCG test and to the Mantoux test with 10 tuberculin units are compared for various age groups of both sexes. The curve for positive allergic reaction for these age groups has 2 peaks. The first in the younger groups, who had been given BCG vaccination; the second, corresponding to post-infection allergy, occurs in men between the ages of 30 to 40 and in women from 40 to 50. In women, positive reaction in the vaccinated group is higher than the maximum positive reaction of post-infection allergic tests. After 40 (or 50) there is a decline in positive reaction. Bacterial allergy dies down with increasing age more rapidly than allergy to tuberculin. Both types of allergy show bigger variations in men than in women. Some causes of differences in positive reaction to the tests in various parts of agricultural areas are pointed out. (XVII, 15)

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CIA-RDP86-00513R001444830005-2"

L 3759-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACC NR: AP5027867

CZ/0034/65/000/001/0072/0072

AUTHOR: Petlicka, J. (Engineer); Bastecky, V.; Kloc, K.; Riha, V.; Vesely, V.; Hadacek, B. (Engineer); Jelinkova, V. (Doctor of natural science); Strubl, R. (Doctor of natural science)

TITLE: Method of treating manganese ores to obtain higher oxides of Mn

SOURCE: Hutnické listy, no. 1, 1965, 72

TOPIC TAGS: metal melting, manganese, manganese compound, sulfuric acid

ABSTRACT: Article is an abstract of Czechoslovak Patent Application Class 40a, 47/00, PV 421-64, dated 24 Jan 64. Solid sulfates, preferably the monohydrate are exposed at 900°C to a mixture of steam and nitric acid vapors. In the reactor Mn is oxidized, and sulfuric acid regenerated. Reaction space vapors are cooled to recover sulfuric acid as a condensate, while nitric oxides are recovered in the usual manner. The advantage of the process is that Mn is recovered as solid oxide suitable for metallurgical uses, and sulfuric and nitric acids are regenerated.

ASSOCIATION: none

SUBMITTED: 24Jan64

ENCL: 00

SUB CODE: MM

NR REF Sov: 000

OTHER: 000

JPRS

Card 1/1 RP

Kiška, V.

Kiška, V. Some new methods of surveying soil methods applied in drainage and irrigation constructions. p. 3-2.

Vol. 5, No. 5, Oct. 1956.
VOLNÍ VÝSCHERSTV
TECHNICKÝ
Praha, Czechoslovakia

To: East European Archives, Vol. 5, No. 5, May 1956

TOCKSTEIN, A.; PECHANEC, V.; RIHA, V.; NEPRAS, M.

Oxidation of tolyl blue SB. III. Isolation and identification of oxidation products. Coll Cz Chem 25 no.8:2135-2146 Ag '60.
(EEAI 10:9)

1. Technische Hochschule fur Chemie, Pardubice.

(Tolyl blue) (Azo dyes)

ZIV, V.

Fulfillment of the Government ordinance concerning the struggle against tuberculosis
in Olomouc District.

p. 4/7 (Ministerstvo zdravotniciv i Vyzkumný ustav organizace zdravotnictví)
Vol. 5, No. 5 May 1957 Praha, Czechoslovakia

SC: Monthly Index of East European Acquisitions (SEAI) Vol. 6 No. 11 November 1957

RIHA, V.

1433. ARC-SUPPRESSION COIL WITH CONTINUOUS
REGULATION. J. Kopecek and V. Riha. 621.316.235

Elektrotech, Obrázek, Vol. 48, No. 17, 1960-90 (1959). In Czech.

(30) ✓ The inductive reactance of an arc suppression coil should be equal to the capacitive reactance of the transmission line for correct functioning. The design provides a coil in which continuous regulation of the reactance is achieved by the variation of an airgap in the magnetic circuit of the coil, so that tapping for varying the number of turns become unnecessary. The shell-type apparatus of 800 kVA, 50 c/s, 23/3 kV rating has a concentric cylindrical core, split in a plane of the axis, consisting of radially disposed laminations. The cores may be displaced by a control gear radially, so that a gap of 2.5 mm or less will result. The reactance can be adjusted to a ratio of 1 : 10, i.e., from 6 to 60 amp. current. The losses of the apparatus are 11.5 kW. The weight is 3380 kg, including 1080 kg of oil.

E. Erdelyi

BZ amy

MARSALEK, Eduard; ZIZKA, Zdenek; RIHA, Vladislav; DUSEK, Jaroslav;
DVORACEK, Cestmir

Pulmonary aspergillosis with generalized spreading caused by
Aspergillus restrictus. Cas.lek.cesk.99 no.41:1285-1292 7 0'60.

1. Ustav lekarske mikrobiologie, Plicni oddeleni, Ustav patologicke
anatomie PU v Olomouci.

(ASPERGILLOSIS case reports)
(LUNG DISEASES case reports)

RKhA, 'mining' ser.

Preliminary report on the geological survey of the Dvina River gravels in its section below the Davydovskie Hills. Stor VSB
Otdrava 10 no. 1/2:177-184 '64.

Methods of technological and petrographic survey of gravels and sands. Ibid. 1229-242

1. Submitted September 30, 1963, August 21, 1963.

RIHA, ZDENEK

"Collection of illustrations on geology; a manual. 1st ed. illus."

p. 37. (Statni nakl. technicke literatury, 1957, Prague, Czechoslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec 58

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444830005-2

PiHa, Ladislav, inz.

Determining the optimum production lots. Tech praca 16 no. 10793-796
0-104.

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CIA-RDP86-00513R001444830005-2"

L 18510-66 EWP(t) IJP(c) JD
ACC NR: AP6010257

SOURCE CODE: CZ/0034/65/000/003/0219/0219

AUTHOR: Hadacek, B. (Engineer); Strubl, R. (Doctor of natural sciences); Riha, V.;
Kloc, K.; Vesely, V.; Bastecky, V.; Petlicka, J. (Engineer)

ORG: none

TITLE: Method for treating phosphorus containing ferromanganese ores

SOURCE: Hutnicke listy, no. 3, 1965, 219

TOPIC TAGS: sulfuric acid, phosphorus, ferromanganese, oxidation

ABSTRACT: The article is an abstract of Czechoslovak patent application Class 18a 1/04 PV 6186, dated 9 Nov. 1963. The ore is repeatedly leached by sulfuric acid; the solution obtained has a pH of 1 - 3, and the reaction mixture is heated to 60 - 100°C, and at the same time oxidized by hydrogen peroxide ; the oxidation is continued until the bulk of phosphorus is eliminated, when a new amount of ore is added, corresponding to the remaining P content in the ore. The content of Fe can be adjusted by addition of iron ore. The iron content in the filtrate may be adjusted by an oxidizing agent, such as a peroxide of manganese or hydrogen.
[JPRS]

SUB CODE: 07, 11 / SUBM DATE: none

Card 1/1 C

34

B

2

EXCEPPTA MEDICA Sec.9 Vol.11/10 Surgery Oct 57

5246. RÍHA Vl. and ŠIMEČEK C. Tuberk. Odd. KÚNZ, Olomouc. *Problém resekční terapie plic s hlediska funkčního. Problems from the point of view of function of pulmonary resection ROZHL. TUBERK. 1956, 16/9 (476-480) Graphs 2 Illus. 2

Pulmonary function was studied in 34 patients, 23 of whom had partial resection and the remaining 11 pneumonectomy, both before and after operation, by means of total spirometry and simultaneous bronchspirometry. Particular attention was paid to the residual air which was estimated separately for each lung in several patients. After lobectomy with partial thoracoplasty reduction of oxygen consumption on the side operated upon was approximately identical with that following upper lobectomy without additional collapse. Lung function after operation improves as time passes but relative reduction of vital capacity per min. may occur. In the presence of reduced expiration speed a reduction of the absolute one minute vital capacity may arise. The importance of sparing resection and meticulous after-care for later lung function is stressed.

Köppl - Prague (IX, 15*)

EXCERPTA MEDICA Sec 15 Vol. 10/10 Chest Diseases Oct 57

2451. ŘÍHA V. and ŠIMEČEK C. Tbc. Odd., KÚNZ, Olomouc. *Diagnostické pneumomediastinum. Diagnostic pneumomediastinum ROZHL. CHIR. 1956, 35/7 (401-408) Illus. 8

Report on 21 cases where pneumomediastinum was performed for diagnostic purposes. The usual (dorsal paravertebral) route with insufflation of 800-1, 200 ml. of oxygen is described and advocated. With the patient lying on his side the needle is entered in the 4th intercostal space. Complications were irritation of the pleura in one case and pneumothorax also in one case. Subcutaneous emphysema in the supraclavicular region was frequent and disappeared without complications. Differentiation of the respiratory passages was effected by intratracheal administration of a contrast substance.

Vlček - Prague (IX, 14, 15)

RIHA, Zdenek

Recently formed gravels and sands of the upper course of the
Oder River. Acta geol Pol 14 no. 1: 115-130 '64.

1. Higher Mining College, Dept. of Geology and Palaeontology,
Ostrava.

RIHAK, Adolf

"Caulking in chemical industry" by J.Roskynalek, K.Urbanek, K. Splichal. Reviewed by Adolf Rihak. Chem prum 15 no.3:191 M '65.

1. Research Institute of Macromolecular Chemistry, Brno.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444830005-2

RIHAK, Jan M. (Olomouc)

Survey of schist dumps. Geol pruzkum 6 no.9:277 S '64.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444830005-2"

RIHAK, Jaroslav; STEPAN, Josef, inz.

A new method of measuring the power generation of motor vehicles.
Automobil 6 no.12:374-375 D '62.

1. Pomocny prumysl automobilni a letecky-Magneton, Kromeriz.

RIHAK, J. (Olomouc)

Deposits of raw materials for the production of Expandit
in the Olomouc area. Stavivo 42 no. 3:97-98 Mr '64.

STRAKA, Josef, Inz.; RUDNÝ, Jaroslav

Measurement and calculation of the adjustment of power generating equipment of motor vehicles. Elektech obzor 53 no. 1: 19-22 Jan 1961.

1. Pomočný prumysl automobilní a letecký Magnetron, n.p.

RIHAK, Jaroslav; STEPAN, Josef, inz.

Method of evaluating the adjustment of current sources of
motor vehicles. El tech obzor 52 no.4:163-167 Ap '63.

1. Pomocny prumysl automobilni a letecky - Magneton, Kromeriz.

REPRÍZE, LUDĚSLAV V.

"Měsíčník a odborná recenze literatury. Praha, Nakl. Československé akademie věd, 1957. 507 p. (Československá akademie věd. Sekce technická. Studie a příručky, sv. 13) [Thinnerstems and protection against lightning. illus., tabl. maps, diagram, index, tables (part folio. in pocket)]".

p. 507 (Praha, Československia)

Monthly Index of East European Accessions (EEAI(LC, Vol. 7, No. 6, June 1948

✓ 9.9-7 551.594.2:010:551.515.4:621.316.98(02)
✓ Říhánek, Ladislav V. and Postranecký, Josef, Bouřky a ochrana před bleskem.
[Thunderstorms and lightning protection.] Prague, Československá Akademie Věd, 1957.
507 p., numerous figs., 5 charts fold., refs., bibliog. p. 473-478. Review (in Czech) by
J. Podzimek in Meteorologické Zprávy, 11(2):52-53, 1958.—In this thorough monograph,¹⁰ problems of thunderstorm electricity and lightning protection are treated in a general and applied section. The general section includes a brief discussion of atmospheric structure, circulation and a thorough review of theories and knowledge on atmospheric ionization, electrical fields in the atmosphere, the formation of convective clouds, thundercloud electrification, classification of thunderstorms, thunderstorm distribution over the globe and in Czechoslovakia (map, tables, graphs), the structure and mechanism of various types of lightning strokes, electrical currents induced by lightning and their measurement, grounding under various soil conditions, etc. A survey is also made of thunderstorm and lightning research in various countries (p. 147-205) including the U.S.S.R., Sweden, Switzerland, U. S., Great Britain, Germany and Czechoslovakia. An extensive chapter on instruments and techniques (p. 205-294) concludes the general section. The whole section is profusely illustrated with explanatory diagrams, photographs of lightning and of instruments, block diagrams, sample records, etc. (illustrations are, to a large extent, reproduced from foreign literature). The second (applied) section was written for lightning rod designers and inspectors. It contains excerpts from the Czechoslovak official specifications for the protection requirements of different objects, and detailed review and comparison of the Soviet, American, British, Polish, Swiss, South African, Swedish, Dutch and German specifications. Numerous examples of lightning rod design for various structures are given in diagrams and photographs. Added features which contribute to the interest of the book are; a historical summary from FRANKLIN, LOMONOSOV and DIVIŠ (first grounded lightning rod, 1754) to the present; a bibliography of Czechoslovak and foreign literature (some 450 items listed by author, title and source) which supplements the lists of references given at the end of each chapter; a polyglot dictionary (Czech-Russian-English-French-German) of over 600 meteorological and electrical terms; a list of symbols, abbreviations and units; a short glossary of technical and engineering terms.

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1-5R

RihaneK, Ladislav V and Pastranecky, Josef

(in Czech); and a subject index. By combining scientific and technological aspects in considerable detail, the authors of this book made an original and valuable contribution to the field of thunderstorm research and lightning protection. *Subject Headings:* 1. Thunderstorm electricity textbooks 2. Thunderstorm electricity bibliographies 3. Lightning rod design 4. Polyglot dictionaries 5. Czech language 6. Czechoslovakia.—G.T.

RÍHÁNEK, LADISLAV

✓ 9.9-7 Ríhánek, Ladislav V. and Postranecký, Josef, Bouky a ochrana před bleakem.
[Thunderstorms and lightning protection.] Prague, Československá Akademie Věd, 1957.
507 p., numerous figs., 5 charts fold., refs., bibliog. p. 473-478. Review (in Czech) by
J. Podzimek in Meteorologické Zprávy, 11(2):52-53, 1958.—In this thorough monograph,
problems of thunderstorm electricity and lightning protection are treated in a general and
an applied section. The general section includes a brief discussion of atmospheric structure
and circulation and a thorough review of theories and knowledge on atmospheric ionization,
electrical fields in the atmosphere, the formation of convective clouds, thundercloud elec-
trification, classification of thunderstorms, thunderstorm distribution over the globe and in
Czechoslovakia (map, tables, graphs), the structure and mechanism of various types of lightning
strokes, electrical currents induced by lightning and their measurement, grounding under
various soil conditions, etc. A survey is also made of thunderstorm and lightning research
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Britain, Germany and Czechoslovakia. An extensive chapter on instruments and techniques
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records, etc. (illustrations are, to a large extent, reproduced from foreign literature). The
second (applied) section was written for lightning rod designers and inspectors. It contains
excerpts from the Czechoslovak official specifications for the protection requirements of
different objects, and detailed review and comparison of the Soviet, American, British, Polish,
Swiss, South African, Swedish, Dutch and German specifications. Numerous examples of
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1-JR

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1-5R

Rihanek, Ladislav V and Pastranecky, Josef

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EE RDS

CZECH/2218

3(7)

Rihánek, Ladislav V., Engineer, and Josef Postránecký, Doctor, Engineer

Bourky a ochrana pred bleskem (Thunderstorms and Protection from Lightning)
Praha, Nakladatelství Československé akademie věd, 1957. 507 p.
(Series: Československá akademie věd. Sekce technicka. Studie a prameny)
2,300 copies printed.

Sponsoring Agency: Československá akademie věd. Sekce technicka.

Scientific Ed.: Josef Stránský, Professor, Engineer, Doctor, Corresponding Member, Czechoslovak Academy of Sciences; Reviewers: Bohumír Novák, Engineer, and Josef Podzimek, Doctor of Natural Sciences; Resp. Ed.: Ladislav Hrdina; Tech. Ed.: František Končík.

PURPOSE: The book is intended for electrical engineers and scientists specializing in problems of protection from lightning

COVERAGE: This is a comprehensive scientific survey of lightning phenomena and lightning protection devices. The book is divided into a theoretical part which discusses the nature of lightning, surge phenomena, and instrumentation. The practical part is devoted to methods of installing

Card 1/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

lightning arresters. The book presents both Soviet-bloc and Western theories, instruments, and standards. The first part deals with measurement and recording practices, the theory of magnetic links, surge propagation, and the concept of surge voltage distribution patterns. The practical part outlines means of protection, types of arresters, protective ranges of conductors, and apparatus against overvoltage caused by surges. A 600-term glossary of Czech terms with equivalents in four languages is appended. Acknowledgements are extended to: Josef Stránský, Professor, Doctor, Engineer; Bohumír Novák, Engineer (deceased); Josef Podzimek, Doctor of Natural Sciences; Mirko Zapletal, Engineer; Bedřich Fröhlich, Engineer; and Vojtěch Rohlicek, Engineer. There are approximately 450 references, mostly Western.

TABLE OF CONTENTS:

Foreword	5
1. Symbols, Units, Definitions	7
1.1. Symbols and abbreviations	7
1.2. Some physical and technical definitions	14
2. Development of Ideas Concerning Thunderstorms and Protection From Card 2/14	

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

19

Lightning

A. THEORETICAL SECTION

I. Theory of Thunderstorms and Lightning

3.	The Earth's Atmosphere	29
3.1.	Study of the atmosphere	29
3.2.	Nature of the atmosphere	30
3.3.	Elements of the atmosphere	32
3.3.1.	Atmospheric layers	32
3.3.2.	Air currents	34
3.4.	Clouds	36
3.5.	Atmospheric electricity	37
3.5.1.	Corpuscular and wave radiation	38
3.5.2.	Ionization	41
3.5.3.	Atmospheric conductivity	47
4.	Electrical Conditions of a Stable (Quiet) Atmosphere and of the Earth	50
4.1.	Electrical state of a quiet atmosphere	51
4.2.	Electric conduction currents in the atmosphere	53
4.3.	Negative charge of the Earth	53

Card 3/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

4.4. Electric currents in the Earth's crust	56
5. Origin and Occurrence of Thunderstorms	57
5.1. Thunderclouds and their electrical manifestations	57
5.2. Theory of the origin of electricity in clouds	61
5.2.1. Lenard effect	62
5.2.2. Simpson's theory on the break-up and fall of drops	62
5.2.3. Elster and Geitel's induction theory	62
5.2.4. Wilson's ionization theory	65
5.2.5. Aerological exploration of clouds in the Kew Observatory	66
5.2.6. Findeisen and Rossman's theory	67
5.2.7. E. Wall's theory	70
5.2.8. Frenkel's adsorption theory	71
5.2.9. Gunn and Kramer's theory	74
5.3. Evaluation of theories of the origin of electricity in clouds	75
5.4. Main types of thunderstorms	76
5.4.1. Thermal thunderstorms	76
5.4.2. Orographic thunderstorms	78
5.4.3. Nocturnal thunderstorms	78
5.4.4. Frontal thunderstorms	79

Card 4/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

5.5. Occurrence of thunderstorms	79
6. Mechanism of Thunderstorms and Lightning	87
6.1. Main types of lightning	87
6.1.1. Saint Elmo's fire	88
6.1.2. Streak lightning	88
6.1.3. Sheet lightning	89
6.1.4. Chain lightning	90
6.1.5. Ball lightning	90
6.2. Origin and path of streak lightning	91
6.2.1. Investigation of streak lightning by Szpor's method	95
6.2.2. Energy of streak lightning	97
6.3. Composition of lightning striking the ground	97
6.3.1. Number of flashes [discharges]	101
6.3.2. Time intervals between discharges	102
6.3.3. Duration of a flash	104
6.3.4. Length of a flash	105
6.4. Current and charge of lightning	105
6.4.1. Wave shape of the lightning current	110

Card 5/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

6.4.2. Polarity of lightning	113
6.4.3. Superposed oscillations in the lightning discharge	114
6.5. Lightning voltage	117
6.6. Laboratory studies of electric discharges	119
6.6.1. Discharge wave	120
6.6.2. Discharge generator	122
7. Grounding	126
7.1. Resistance of a ground contact	127
7.1.1. Types of soil and their specific resistivities	127
7.1.2. Effect of moisture	130
7.1.3. Effect of temperature	131
7.1.4. Effect of depth	131
7.1.5. Spacing of ground contacts	132
7.1.6. Improvement of grounding properties	132
7.2. Electrical conditions in the soil	133
7.3. Properties of small grounding rods exposed to high voltage currents	135
7.4. Surge impedance of antenna-line wire grounding	140

Card 6/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

8.8. Czechoslovak research	198
8.8.1. Lightning research applications to the present	198
8.8.2. Suggestions for the future development of Czechoslovak lightning research	201
II. Measuring Instruments and Methods	
9. Instruments for Measuring Electricity in Normal Atmosphere and for Lightning	206
9.1. Instruments for measuring invisible radiation	206
9.2. Electrostatic measurements	208
9.2.1. Electrometers and ballistic galvanometers	208
9.2.2. Instruments for recording the electric gradient of atmosphere	210
9.2.3. New method of measuring the vertical electric field of atmosphere	211 212
9.2.4. Potential gradient recorder	213
9.3. Measurement of atmospheric electric currents	214
9.3.1. Pointed recorder (ERA recorder) of currents between atmosphere and ground	214
9.3.2. Instrument for simultaneous recording of the potential gradient and the current between the atmosphere and ground	215

Card 8/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

9.3.3. Device for measuring the currents in clouds and the surge voltage	218
9.4. Wilson's instrument for measuring the Earth's negative charge	220
9.5. Voltage divider for surge waves	221
9.6. Klydonograph and recorder of surge voltages	222
9.7. Magnetic cores for measuring lightning current	227
9.8. Fulchronograph	232
9.9. Other instruments with magnetic cores	234
9.9.1. Magnetic surge integrator	234
9.9.2. Instrument for recording the surge wave front	236
9.9.3. Instrument for recording the sharpness of a surge wave	237
9.10. Oscillographs	237
9.10.1. String oscillograph	238
9.10.2. Cathode-ray oscillograph	239
9.10.3. Swedish (ASEA) oscillograph for measuring atmospheric surge voltages	253
9.11. Lightning discharge counter for a limited area	256
10. Cameras for Photographing Lightning Discharges	263
10.1. Boys' high-speed camera	263
10.2. Boys' low-speed camera	267

Card 9/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

11. Radiogoniometric Measurements in Thunderstorm Areas	272
12. Measurements of Earth Resistivity and of Measurable Ground Resistivity	277
12.1. Measurement of earth resistivity	277
12.1.1. Measurements with low-frequency instruments	279
12.1.2. Measurements with high-frequency instruments	284
12.1.3. Methods of measurements with low-frequency and high-frequency instruments	288
12.1.4. Determination earth resistivity from three measurements	290
12.2. Techniques of measuring ground resistivity	292
B. PRACTICAL SECTION	
13. Protection of Human Life	295
13.1. Effect of lightning on human beings	295
13.2. How to behave in thunderstorms	297
14. Damage to Property Caused by Lightning and the Role of Lightning Rods	297
14.1. Damage to property by lightning	297

Card 10/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

14.2. Significance of lightning rods	300
15. Czechoslovak Standards and Specifications for Lightning Rods	301
16. Foreign Standards, Specifications and Proposals for Lightning Protection	311
16.1. Soviet standards	312
16.1.1. Some data on lightning discharges	312
16.1.2. Various effects of lightning	313
16.1.3. Thunderstorm areas in the USSR	318
16.1.4. Classification of buildings by categories, according to to the code for lightning protection	318
16.1.5. Protection of installations of various categories from lightning	320
16.1.6. Protective devices against direct strokes of lightning	324
16.1.7. Protective range of lightning rods and their distances from protected installations	328
16.1.8. Installing of lightning rods	330
16.1.9. Preventing the entry of voltage surge into installations by the use of outside conductors	333

Card 11/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

16.1.10. Protection against secondary effects of lightning	334
16.1.11. Grounding technique	337
16.1.12. Examples of protection from lightning in buildings of various categories	342
16.2. US standard specifications	347
16.3. British standards	355
16.4. Polish standards	358
16.4.1. A proposition for new Polish standards	358
16.5. Swiss standards	374
16.6. South African standards	380
16.7. Swedish standards	382
16.8. Dutch standards	385
16.9. German standards	389
17. Comparison of Standards	394
17.1. Summary of thunderstorm and lightning conceptions	394
17.2. Standards for protection from lightning	400
17.3. Protection of special objects from lightning	406
17.4. Conclusion	406
18. Examples of Protective Devices Against Lightning	

Card 12/4

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

18.1. Nomenclature and meaning of lightning rods components	406
18.2. Various forms of protection from lightning	408
18.3. Correct installation of lightning rods	408
18.3.1. General principles	409
18.3.2. Lightning rod	414
18.3.3. Conductor	428
18.3.4. Grounding	432
18.3.5. Mounting metal objects on lightning rods	438
18.3.6. Specific arrangements for lightning rods	445
18.3.7. Examples of lightning rod constructions	446
18.4. Faulty installation of a lightning rod	
18.5. Examples of protective installations for certain types of structures	454
18.5.1. St. Veit's Cathedral in Prague	454
18.5.2. Office buildings	455
18.5.3. Skyscrapers for administrative purposes	455
18.5.4. Jan Žižka Monument on the Vítkov Hill [Prague]	455
18.5.5. Chemical factories	456
18.5.6. Electric power stations	456
18.5.7. Oil and gas stations	456

Card 13/14

Thunderstorms and Protection From Lightning (Cont.)

CZECH/2218

18.5.8. Railway tank cars	456
18.5.9. Ropeway and loading platforms	457
18.5.10. Dragline excavators	457
18.5.11. Tubular portable scaffold	458
18.5.12. Reinforced concrete bridges	460
18.5.13. Automobiles	460
18.5.14. All-metal aircraft struck by lightning	461
Bibliography	463
Glossary (Czech, Russian, English, French, German)	479
Index	501

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Card 14/14

MM/mg
10-29-59

RIBAEM. Radiotekhnika inz.

Economic problems of protection from lightning. El tech obzor 51
no.4 198-191 Ap '62.

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CIA-RDP86-00513R001444830005-2"

S/081/63/000/002/051/088
B171/B102

AUTHORS: Doležalík, Vítězslav, Říhanek, Stanislav, Fonick, Alfred

TITLE: Preparation of pure formaldehyde with a low content of formic acid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 401, abstract 2N24 (Czechosl. patent 100705, Aug. 15, 1961)

TEXT: The mixture obtained by dehydrating an aqueous solution of CH_2O in the presence of an aliphatic or alicyclic alcohol is distilled in the presence of an organic liquid forming no stable compounds with the components of the mixture, and having a boiling point $< 120^\circ\text{C}$. It is more convenient to use a liquid that has a relatively high vapor pressure and is able to absorb alcohols, HCOOH , and water from gaseous CH_2O . Such liquids are, e.g. water-soluble ethers [n-dioxan (I), trioxan, $(\text{CH}_3\text{OCH}_2)_2$], and also C_6H_6 , C_6H_{14} , cyclohexane. The dissociation of the dehydrated mixture in the presence of a liquid, having a boiling point lower than the

Card 1/2

S/081/63/000/002/051/088

B171/B102

Preparation of pure formaldehyde with ...

dissociation temperature of the mixture, takes place at temperatures $\leq 120^{\circ}\text{C}$. There is no increase in the acidity of the product, as the Cannizzaro reaction does not occur. An example: 71.5 parts of 58%-aqueous solution of CH_2O and 60 parts of cyclohexanol are introduced into a still and water is removed by vacuum distillation. With water, 1.5 parts of CH_2O are also removed. Subsequently, 100 parts of water-free I are added into the still and boiling is conducted at the usual pressure. I returns to the still from the reflux condenser, whereas the condenser discharges the purified and water-free CH_2O , containing 33% less of HCOOH than the raw material. [Abstracter's note: Complete translation.]

Card 2/2

RIHAR, Ana, ing.

Problems of the complex flotation of the Pb-Zn ore from the Leca
Mines. Rud met zbor no.4:415-420 '61,

1. Oddelek za montanistiko Fakultete za naravoslovje in tehnologijo
Univerze v Ljubljani Askerceva 20, Ljubljana.

(Flotation) (Lead) (Zinc)

Country : Czechoslovakia
Language : Farm Animals, The Honeybee. 4-7
Year, Journ : RCBiol., No. 4, 1959, No. 16754
Author : Rihar, Jozef
Institution, Title : The Possibility and Methods of Selection in Bees.
Org. Pub. : Socialist, kmet., 1957, 8, No 1-2, 38-44
Abstract : The harmful effects of breeding closely related bees have been proven by the experiments of O. Makenzen, as well as by the studies of Taranov, Winkler, Arkoruster, and others; it is noted that up to 70 percent of eggs are destroyed in the seventh generation, that the body's size is reduced by 2-5 percent, that the length of the proboscis decreases by 4.6 percent, that the resistance becomes lower and diseases occur. An experiment was set up at the

GARF:

1/4

Author : *[Redacted]* *[Redacted]*
Title, City : *[Redacted]* Farm Animals, Etc. Honeybee. Q-5
Abs. Jour : R2Biol., No. 4, 1959, No. 36754
Author : *[Redacted]*
Institution : *[Redacted]*
Title : *[Redacted]*

Subject : *[Redacted]*
Abstract : sufficient food supply. -- V. A. Kanzyuba

Report

4/4

RIHAR, J.

Bee milk or royal jelly. p. 313.

Periodical: NOVA PROIZVODNJA.

Vol. 9, no. 4/6, 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

RIHAR, Jozef, inz.

Inhibitins and colors of Yugoslav honeys. Nova proizv. 15. no. 1/2
81-86 '64.

I. 44743-66 EWP(w)/EWP(v)/T/EWP(j)/EWP(k) LJP(c) WW/EM/RM

ACC NR: AP6017908

(A) SOURCE CODE: CZ/0078/65/000/012/0025/0025

INVENTOR: Rihe, Miroslav (Zalsi)

37

B

ORG: none

TITLE: Shell bodywork from sandwich panels CZ Pat. No. PV 5802--64. Class 63

SOURCE: Vynalezy, no. 12, 1965, 25

TOPIC TAGS: foam plastic, sandwich structure

ABSTRACT: A shell bodywork of sandwich panels is described which is made from foam plastics between two cases. The distinguishing feature of the device is that the profiles are fixed to the panels by the bending of the cases around the frame of the profiles which have the form of a die and a punch which are wedged against the frame of the adjoining profile for joining the panels.

SUB CODE: 11,13/ SUBM DATE: 200ct64

Card 1/1 mjs

Hematology

HUNGARY

BURGER, Tibor, Dr, NAGY, Ibolya, Dr, KESZTHELYI, Bela, Dr, technical assistant: RIHRER, Erzsebet; Medical University of Pecs, I. Medical Clinic (director: EARTA, Imre, Dr) (Pecsi Orvostudomanyi Egyetem, I. Belklinika).

"Clinical Importance of the Determination of Thrombocyte Life Span I."

Budapest, Orvosi Hetilap, Vol 108, No 7, 12 Feb 67, pages 299-302.

Abstract: [Authors' Hungarian summary] The life span of thrombocytes was determined by means of Cr⁵¹ labelling. The syndromes accompanied by thrombopenia are classified on the basis of bone marrow cytology and immune serological data. 1) A decreased thrombocyte life span was observed in numerous syndromes in which a normal or decreased number of megakaryocytes were present in the bone marrow. Similarly, a decreased life span was observed in diseases accompanied by megakaryocytic hyperplasia as well. Idiopathic thrombopenic purpura, in which a normal life span has also occurred at the time of remission, was also classified in this group. 2) Another group was formed by diseases based on a defective blood-platelet formation with a normal thrombocyte life span. 2 Eastern European, 23 Western references.

1/1

L 17678-66 RM

ACC NR: AT6009225

SOURCE CODE: HU/2502/65/043/002/0161/0163

AUTHOR: Kajtar, Marton (Doctor; Budapest); Buckner, Viktor (Professor; Budapest);
Rihmer, Zsuzsa (Budapest)

ORG: Institute for Organic Chemistry, Lorand Eotvos University, Budapest

TITLE: Structure of the subtilis-polyglutamic acid

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 161-163

TOPIC TAGS: organic synthetic process, polymer, glutamic acid, nonmetallic organic derivative

ABSTRACT: A method was described with the aid of which it is possible to obtain γ -L- and γ -D-polyglutamic acid at a yield of 25% from the dipeptide L-L- and D-D-p-nitrophenyl ester. The nitrophenyl ester was synthesized from carbobenzoxy-glutamic acid- α -methyl ester- γ -p-nitrophenyl ester by coupling it with the aid of glutamic acid- α -methyl ester to yield carbobenzoxy- γ -glutamylglutamic acid- α , α' -dimethyl ester. The mechanisms of the reactions involved were discussed in terms of the structure of subtilis glutamic acid polymer. [JPRS]

SUB CODE: 07 / SUBM DATE: 07Mar65 / ORIG REF: 002 / OTH REF: 007

FW
Card 1/1

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Freedom of Information Act.

Declassification and handling: Date 14 Mar 2014 ID 374-325
Type: 1

1. Declassification Instructions: None.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444830005-2"

RIHOSEK, Miroslav, inz.

Czechoslovak Standard 73 0007 : Unification of Dimensions
in Engineering and Special Constructions. Normalizace 11
no.8:252-254 Ag '63.

1. Studijni a typizacni ustav, Praha.

R. HOWARD, D.

PRESIDENTIAL LIBRARY, WASHINGTON, D. C. (CONT'D.)	
9.	On 10 January 1968, the FBI received information from the State Department that the Soviet Ambassador to the United States, L. S. RAZIN, had obtained a passport from the Soviet Consulate General in New York City. This information was checked by the FBI and no record was found.
10.	On 10 January 1968, the FBI received information from the State Department that the Soviet Ambassador to the United States, L. S. RAZIN, had obtained a passport from the Soviet Consulate General in New York City. This information was checked by the FBI and no record was found.
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15.	On 10 January 1968, the FBI received information from the State Department that the Soviet Ambassador to the United States, L. S. RAZIN, had obtained a passport from the Soviet Consulate General in New York City. This information was checked by the FBI and no record was found.

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VYSTRcil, L.; RIBOVIC, L.

Triterpenes. At. t. CII 12 - nem 29 no. 10:2374-2386 0 164.

L. Institut fur organische Chemie, Karlsuniversitat, Prague.

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STRAFELDA, F.; KIHOVA, J.

Determination of calcium and magnesium by means of potentiometric titration by chelation 3. Coll Cz Chem 25 no.5:1444-1449 My '60.

1. Institut fur spezielle und physikalische Methoden, Technische Hochschule fur Chemie, Prag.

CZECHOSLOVAKIA/Microbiology - Microorganisms Pathogenic to
Humans and Animals.

F-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43272

Author : Riha, I., Rihova, L.

Instq :

Title : Effect of Antibodies in Nutritive Medium on the Growth of
Salmonella Paratyphi B.

Orig Pub : Ceskosl. mikrobiol., 1956, 1, No 2, 59-62

Abstract : When Salm. paratyphi B was inoculated on a nutrient medium,
to which was added rabbit serum immunized by this organ-
ism, no effect of antibodies was observed either on the
growth of Salmonella, or on their biochemical activity
even after 31 transfers. A decreased virulence appeared
simultaneously with the transition of phase S into R.
Addition of antibodies to a suspension of S. paratyphi
B, caused an increase of metabolic activity of the orga-
nisms (greater consumption of O₂), which was not

Card 1/2

CHALOUPKA, J.; KRECKOVA, Pavla; RIMHOVA, Ludmila

Changes in the character of the cell wall in growth of *Bacillus megaterium* cultures. *Folia microbiol.* 7 no.5:269-274 '62.

1. Department of General Microbiology, Institute of Microbiology,
Czechoslovak Academy of Sciences, Prague 6.
(*BACILLUS MEGATERIUM*) (MURAMIDASE)

RÍHOVÁ, L.

✓ 1107. Influence of antibodies in culture medium on growth of *Salmonella paratyphi B*. I. Ríha and L. Ríhová - Cs. mikrobiol., 1956, 1, 59-62 (Československá Akad. věd, Biologický ústav, Prague, Czechoslovakia). — No check on the growth or change in the metabolic activity of *S. paratyphi B* was observed when the organism was grown on a medium containing rabbit anti-salmonella antibodies, even after 31 passages. A decrease in virulence appeared at the same time as the R-phase. Addition of antibodies to a suspension of the organism increased its metabolic activity and this was not reduced on further passaging with the antibodies.

A. ACKROVY

2

Mel

CHVOJKA, L.; TRAVNICEK, L.; CHALOUPKA, J.; RIHOVA, L.

Study of the metabolism of exogenous tryptophane in the apple tree
and determination of the bound tryptophane in apple and pear seeds.
Biologia plantarum 4 no.4:315-318 '62.

1. Institute of Experimental Botany, Praha - Dejvice, Na cvicisti
2 (for Chvojka and Travnicek). 2. Institute of Microbiology,
Czechoslovak Academy of Sciences, Praha - Dejvice, Na cvicisti 2
(for Chaloupka and Rihova).

CHALOUPKA, J.; RIHOVA, Ludmila; KRECKOVA, Pavla

Degradation and turnover of bacterial cell wall mucopeptides in
growing bacteria. Folia microbiol. 9 no.1:9-15 J '64.

1. Department of General Microbiology, Institute of Microbiology,
Czechoslovak Academy of Sciences, Prague 6 - Dejvice.

KRYL, R., Dr.; JEDLICKOVA, Z., Dr.; HALIOVA, D., Dr.; MAGROVA, Fr., J.;
RIHOVA, M., Dr., a ved. krouzek posluchacu LFH; BINDAS, B;
HECL, J.; PUR, J.; TRISKA, J.; VACKOVA, J.

Experiences with out-patient therapy of whooping cough with
chloramphenicol. Cesk. pediat. 11 no.9:652-659 Sept 56.

1. Klinika infekcnih nemoci v Praze na Bulovce Bakteriol.-
serolog. oddeleni Bulovky, prednosta doc. Vlad. Wagner.
(WHOOPING COUGH, ther.

chloramphenicol, out-patient ther. (Cz))

(CHLORAMPHENICOL, ther. use

whooping cough, out-patient ther. (Cz))

(OUT-PATIENT SERVICES

in whooping cough, chloramphenicol ther. (Cz))

RIHOVA, M., MUDr.

Right-sided paralysis of the diaphragm in an infant. Cesk.pediat.
11 no.2-3:205-207 Mar 56.

1. Z III. detske kliniky v Praze, prednosta doc. Dr. O.Vychytil.
(DIAPHRAGM, paralysis
in inf.)
(PARALYSIS,
diaphragm, in inf.)

DVORSKY, Karel; MIROVSKY, Jiri; RIHOVA, Miluse

Incidence of *Micrococcus pyogenes* and its sensitivity to antibiotics in various collective environments. Cas. lek. cesk. 95 no.43:1189-1191 26 Oct 56.

1. Mikrobiologicke odd. v Praze 8-Bulovka: prednosta doc. MUDr. Vladimir Wagner Infekcni klinika v Praze 8 - Bulovka; pregnosta prof. MUDr. Jaroslav Prochazka.

(MICROCOCCUS PYOGENES, eff. of drugs on antibiotics on sensitivity in various collective environments, relation to incidence of carriers (Cz))
(ANTIBIOTICS, eff. on sensitivity of *Micrococcus pyogenes* in various collective environments, relation to incidence of carriers (Cz))

RIHOVA, V.

Occupational nail diseases. Prakt. lek., Praha 31 no. 23:511-
512 5 Dec. 1951. (CLML 21:3)

l. Of the First Dermatological Clinic (Head--Prof. K. Gawalowski,
M. D.) of Charles University.

131461A) VLASTA

czechoslovakia/Pharmacology. Toxicology. Various
Preparations.

V-9

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28226.

Author : Rihova Vlasta

Inst : Not given

Title : Therapy cf Dermatitis Seborrhoica of the Hairy
Part of the Head with Selenium Sulfide.

Orig Pub : Seskol. dermatol., 1957, 32, No 1, 22-23.

Abstract : A report of the excellent results obtained in
the therapy of pityriasis simplex and derma-
titis seborrhoica with selenium sulfide.

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RIHOVSKY, R. MUDr.

Experiences of the orthopedic ward of the Gottwaldove polyclinic.
Cesk. zdravot. 4 no. 1:22-23 Feb 56.

1. Okresni ustanov narodniho zdravi v Gottwaldove
(ORTHOPEDICS,
orthopedic ward of polyclinic (Cz))
(HOSPITALS,
polyclinics, orthopedic wards (Cz))

SIMIC, C.; RIHTER, B.; LEPES, T.

Intestinal parasites in Yugoslavia. VIII. Intestinal parasites
in school children in Slovenia. Glas.Srpske akad. nauka.odelj.
med. 215 no.9:79-91 1955.

(HELMINTH INFECTIONS, statistics,
in Yugosl.)

KIHLER, B

SIMIC, C.; KIHLER, B.; PETROVIC, Z.; LEPES, T.

Intestinal parasites in man in Yugoslavia. VII. Intestinal
parasites in school children in Dalmatia. Glas Srpske akad. nauka,
odelj. med. no.8:123-133 1953.

1. Vodljeno na X skupu Odeljenje medicinskih nauka 24.IX.1953 god.
(PARASITIC DISEASES,
*intestinal, epidemiol., school child. in Yugosl.)

Rihbler

SIMIC, G.; RIHTER, B.; PETROVIC, Z.; LEPES, T.

Intestinal parasites in man in Yugoslavia. VI. Intestinal parasites in children in Bosnia and Herzegovina. Glas Srpske akad. nauka, odelj. med. no. 8:105-121 1953.

1. Primljeno na X skupu Odeljenja medicinskih nauka 24. IX. 1953 g.
(PARASITIC DISEASES, epidemiol.
*Yugosl., school child.)

RIHTERS, A; SPRIVULIS, Z., red.; DUNAISKIS, Z., tekhn. red.

[How we prepare for the 22d Congress of the CPSU; achievements
on the "Burtnieki" State Farm] PSKP XXII kongresu sagaidot;
padomju saimniecibas "Burtnieki" sasniegwi. Riga, Latvijas
Valsts izdevnieceiba, 1961. 57 p. (MIRA 15:3)
(Communist Party of the Soviet Union--Congresses)
(Latvia--State farms)

RIHTERSIC, J.

Bentonites in the basin of Celje. p. 193.

GLULOGIJA. (Geološki zavod Slovenije) Ljubljana, Yugoslavia.
No. 4, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

AKHIEV, I.

Ten years of development of the electric industry in Croatia.

p. 210, Vol. 3, no. 4, July/Aug. 1955. Elektroprivreda.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

I. RIMTAN

"The problem of cooperation in our machine-building industry." p. 261 (EKONSKI PREGLED,
Vol. 3, no. 5, 1952, Zagreb, Yugoslavia)

SC: Monthly List of East European Accessions, L. C., Vol. 2, No. 7, July 1953, Uncl.

ESOP, H.; HELLMAN, H.; HOLLIMANN, R.; JANES, H.; KANASAAR, E.; KROON, A.;
PLAKK, P.; PUUSEPP, E.; RIIKOJA, H.; PLAKS, E., tekhn. red.

[General electric engineering] Uldine elektrotehnika. By Esop, H.i
dr. Tallin, Eesti Riikiik Kirjastus, 1954. 948 p. (MIRA 15:1)
(Electric engineering)

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